

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	1	("4857914").PN.	US-PGPUB; USPAT	OR	OFF	2009/05/19 14:22
S3	97226	keypad	US-PGPUB; USPAT	OR	ON	2009/05/19 14:22
S2	55550	(345/156-178).OQLS. or ("715").QLAS.	US-PGPUB; USPAT	OR	OFF	2009/05/19 14:22
S1	17586	(345/156-178).OQLS.	US-PGPUB; USPAT	OR	OFF	2009/05/19 14:22
S5	26	("3751718"   "3885408"   "4333090"   "4336530"   "4348660"   "4386351"   "4479112"   "4502048"   "4709387"   "4724423"). PN. OR ("4857914"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 14:23
S6	16	("4333090"   "4857914"   "5276314"   "5508692"   "5768386"   "5815083"   "5949348"   "5970146"   "6049790"   "6317835"   "6434702").PN. OR ("6549194").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/05/19 14:25
S7	6263	S2 and S3	US-PGPUB; USPAT	OR	ON	2009/05/19 14:27
S8	414	S7 and ((changeable changing change variable varying vary) with (key button) with (arrangement arranging placement location position))	US-PGPUB; USPAT	OR	ON	2009/05/19 14:28
S12	22	S9 S10 S11	US-PGPUB; USPAT	OR	ON	2009/05/22 12:52
S11	5	KIM-BYUNG-SUNG.in.	US-PGPUB; USPAT	OR	ON	2009/05/22 12:52
S10	3	YIM-SANG-BIN.in.	US-PGPUB; USPAT	OR	ON	2009/05/22 12:52
S9	20	KIM-JUN-SI K.in.	US-PGPUB; USPAT	OR	ON	2009/05/22 12:52
S13	1	("20070096946").PN.	US-PGPUB; USPAT	OR	OFF	2009/06/10 11:47
S14	1	("2001228970").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2009/06/10 13:45

S15	1	("2002358153").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2009/06/10 13:46
S16	2	("2000214943").PN. or (61/229160).APP.	US-PGPUB; USPAT; JPO	OR	OFF	2009/06/10 13:54
S17	6	(02/396656).APP.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/10 13:55
S21	6	"0239656"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 13:56
S20	2	"02\396656"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 13:56
S19	0	"02/396656"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 13:56
S18	2	"02396656"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/06/10 13:56
S23	1	S22 and mask\$3	US-PGPUB; USPAT	OR	ON	2009/06/10 13:57
S22	8	(US-20070096946-\$).did. or (US-4857914-\$ or US- 6549194-\$ or US- 5396226-\$ or US- 6434702-\$).did. or (JP- 2001228970-\$ or JP- 2002358153-\$).did. or (WO-0239656-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2009/06/10 13:57
S29	10	key with input with (light adj shield\$3)	US-PGPUB; USPAT	OR	ON	2009/06/10 13:58
S28	1	S22 and (light adj shield \$3)	US-PGPUB; USPAT	OR	ON	2009/06/10 13:58
S27	1	S22 and (light adj shielding)	US-PGPUB; USPAT	OR	ON	2009/06/10 13:58

S30	87	("20020029341"   "3519116"   "3587051"   "3751718"   "3812403"   "3885408"   "3893073"   "3904870"   "4333090"   "4336530"   "4348660"   "4386351"   "4442425"   "4479112"   "4502048"   "4709387"   "4724423"   "4857914"   "5274370"   "5276314"   "5508692"   "5768386"   "5815083"   "5949348"   "5970146"   "6049790"   "6130947"   "6148406"   "6185316"   "6209102"   "6276604"   "6317835"   "6324287"   "6434702").PN. OR ("4333090"   "4857914"   "5036191"   "5396226"   "6434702"   "6549194"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/10 14:00
S31	0	S30 and "masking image"	US-PGPUB; USPAT	OR	ON	2009/06/10 14:08
S32	9	S30 and (mask\$3)	US-PGPUB; USPAT	OR	ON	2009/06/10 14:09
S36	4428	S35 and mask\$3	US-PGPUB; USPAT	OR	ON	2009/06/10 14:10
S35	34930	S34 and display	US-PGPUB; USPAT	OR	ON	2009/06/10 14:10
S34	44886	S33 and (key with input \$4)	US-PGPUB; USPAT	OR	ON	2009/06/10 14:10
S33	1841967	secur\$3	US-PGPUB; USPAT	OR	ON	2009/06/10 14:10
S40	620	S36 and S39	US-PGPUB; USPAT	OR	ON	2009/06/10 14:11
S39	43218	(arrang\$5 rearrang\$5 re- arrang\$5) with key	US-PGPUB; USPAT	OR	ON	2009/06/10 14:11
S38	3391	S36 and S37	US-PGPUB; USPAT	OR	ON	2009/06/10 14:11
S37	2999230	arrang\$5 rearrang\$5 re- arrang\$5	US-PGPUB; USPAT	OR	ON	2009/06/10 14:11
S50	27	S47 S48 S49	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S49	8	KIM-BYUNG-SUNG.in.	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S48	3	YIM-SANG-BIN.in.	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S47	22	KIM-JUN-SIK.in.	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41

S46	638	S44 and S45	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S45	44440	(arrang\$5 rearrang\$5 re- arrang\$5) with key	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S44	4627	S43 and mask\$3	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S43	36726	S42 and display	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S42	47017	S41 and (key with input \$4)	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
S41	1888682	secur\$3	US-PGPUB; USPAT	OR	ON	2009/10/13 08:41
L4	27	L1 L2 L3	US-PGPUB; USPAT	OR	ON	2009/10/20 09:07
L3	8	KIM-BYUNG-SUNG.in.	US-PGPUB; USPAT	OR	ON	2009/10/20 09:07
L2	3	YIM-SANG-BIN.in.	US-PGPUB; USPAT	OR	ON	2009/10/20 09:07
L1	22	KIM-JUN-SI K.in.	US-PGPUB; USPAT	OR	ON	2009/10/20 09:07

**EAST Search History (Interference)**

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**10/ 20/ 2009 10:00:17 AM****C:\Documents and Settings\ssherman\My Documents\EAST\Workspaces\10552903.wsp**